Date: 2023-08-18
Flight Campaign ID: P1C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N331AR

Domain: 19 (Taiga)
Sites Flown: None
Days left in Domain: 3

Report Author: Abe
Lidar Operators: Abe
Flight Hours: 00:00
Spectrometer Operators: Elissa
Hours until maintenance: 55.93
Pilots: Jeff, Vince

Summary
The rapidly shortening 35deg solar angle window, of 3 hours and 33 mins today, did not yield any flyable weather. Low clouds and rain persisted throughout the day. No collections were made.

Concerns
None

Comments
- The replacement waveform digitizer arrived and was installed today. An on-ground functional check was made and all seems to be working appropriately.
- The external GPS station that serves the BONA site, PFR2, has been updated in the database and service now to reflect the new station name PFRR.

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed )

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 |

Flown: 20% (9/46)
Green: 0% (0/46)
Yellow: 0% (0/46)
Red: 20% (9/46)

D19|DEJU_P1 (Delta Junction)

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Flown: 100% (9/9)
Green: 100% (9/9)
Yellow: 0% (0/9)
Red: 0% (0/9)
D19|DEJU_P2 (Delta Junction)

- Flown: 100% (10/10)
- Green: 100% (10/10)
- Yellow: 0% (0/10)
- Red: 0% (0/10)

D19|HEAL (Healy)

- Flown: 100% (33/33)
- Green: 0% (0/33)
- Yellow: 0% (0/33)
- Red: 100% (33/33)

Weather Forecast

**Fairbanks, AK (BONA)**

- Cloud Cover (%)
- Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for 19 August 2023

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml
On-Station Time: 12:20 L / 20:20 UTC

Flyority 2
Collection Area: Healy (HEAL) **If “green” sky conditions**
Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml
On-Station Time: 12:10 L / 20:10 UTC

Crew: Elissa (Lidar), Abe (NIS)